

Sub C6> 2. A spacer for an impeller comprising:  
a contoured spacer body symmetrical about an axis and  
including a front surface and a rear surface;  
the front surface including a contoured surface at an  
angle or curve relative to the axis;  
the rear surface including a spring spacing abutment  
including a washer contact surface at an end of the abutment wherein the  
spring spacing abutment is axially dimensioned relative to the axis so  
that a spacer assembly contacting the abutment deflects at a desired  
amount.

Sub C7> 43. The spacer of claim 42 wherein the contoured spacer  
body further includes a center portion have a recess arranged in the  
rear surface about the spring spacing abutment.

44. The spacer of claim 43 further including a central  
bore running through the center portion symmetrical about the axis.

Sub C9> 45. The spacer body of claim 44 wherein the front surface  
includes a recess and a forward facing shoulder in the recess.

46. The spacer body of claim 45 wherein the recess is  
sized to ensure that the front face is seated flush across the central  
bore in order to make a substantially continuous surface.

47. The spacer body of claim 44 further including a  
truncated end in the front face.

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48. The spacer body of claim 47 wherein the truncated end is sized to accommodate a protective washer, a spacer assembly, and the contoured spacer body.

49. The spacer body of claim 45 wherein the body has an aerodynamic portion extending slightly around the spring spacing abutment.

50. The spacer of claim 45 wherein the rear surface provides an outer shoulder spaced radially outwardly and an inner shoulder surface spaced radially inwardly.

51. A spacer comprising:  
a contoured spacer body including a domed front end and a rear surface where the spacer body is symmetrical about an axis;  
the domed front end including a front face, a rear face, and a recess spring bearing surface in the rear face.

52. The spacer of claim 51 wherein the front face includes a recess.

53. The spacer of claim 51 wherein the front face provides a continuous aerodynamic surface.

54. The spacer of claim 53 further including indents or holes in the domed front end to allow a suitable tool bit to attach to the aerodynamic surface.

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